

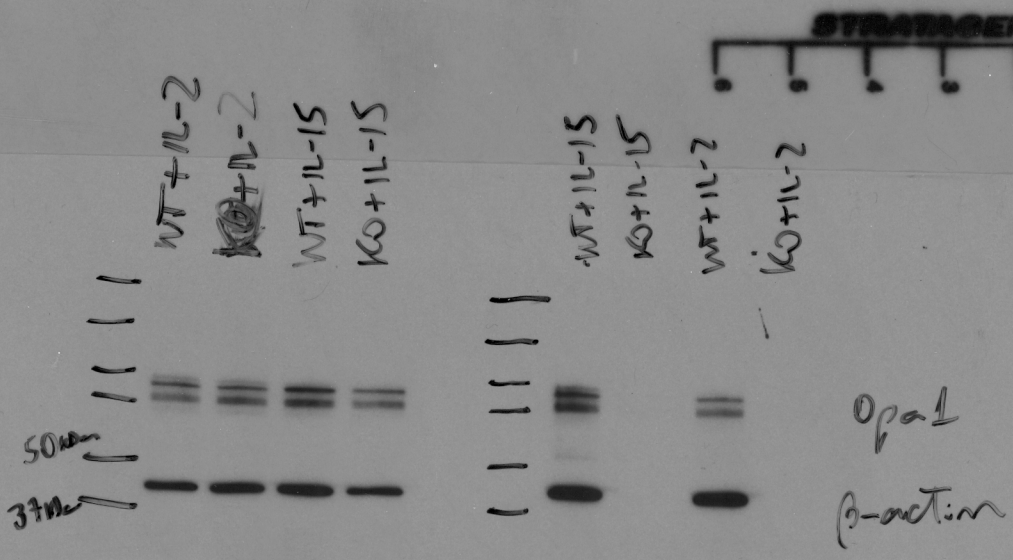
## Supplementary Figures

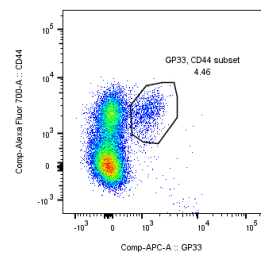
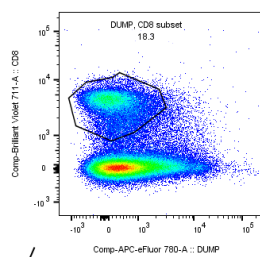
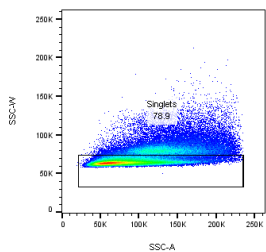
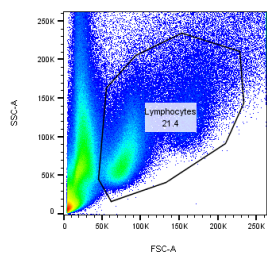
### Supplementary Figure 1.

**Original Western blot gel image.** This is the source data for the image shown in Extended Data Fig. 6e, which comprise the set of lanes on the left. The lanes on the right comprised of a partial replicate (WT samples only). The position of molecular weight markers is indicated, and two are labeled indicating 37 and 50kD – the other markers are, in ascending order, 75, 100, 150 and 250kD.

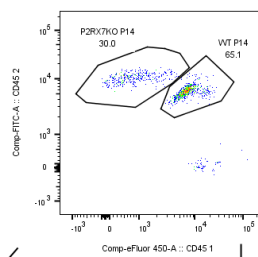
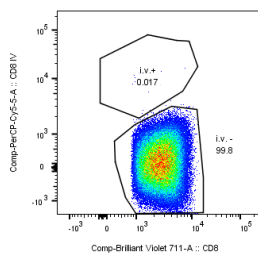
### Supplementary Figure 2.

**Representative flow cytometry gating strategy.** Most of the images are from a sample of splenocytes from animals cotransferred with WT and *P2rx7<sup>-/-</sup>* P14 cells and infected with LCMV. The sequential gating represents (clockwise from upper left): FSC (size) vs SSC (granularity) → singlet events → CD8+ve vs “Dump”-ve → LCMV gp33/D<sup>b</sup> tetramer +ve → CD45.1 vs CD45.2 congenic markers → CD44hi vs CD62Lhi. The center image is from a sample of small intestine IEL, chosen to indicate a typical profile for intravascular staining: axes are intravascular [i.v.] CD8 staining vs *in vitro* CD8 staining.





To define tissue-resident  
 (CD8 i.v.-) cells



P2RX7KO P14

WT P14

